

South Bend Annual Snowfall Data

Year	Jan	Feb	Mar	Apr	May	Sep	Oct	Nov	Dec	Ann
1940			10.7	0.5	0.6			8.3	4.7	
1941	11.2	10.9	5.3					3	2.3	32.7
1942	9.9	16.6	9.5	t		1.2	t	5.9	18.9	62
1943	23.8	16.2	6.6	0.4			t	3.5	11.3	61.8
1944	11	9.5	12	1.7				3.2	16.7	54.1
1945	11.3	3.6	2.8	t	t			5	15.7	38.4
1946	8.4	11.7	0.3					t	10.1	30.5
1947	9.8	12.2	7.6	0.4	t			8.9	11.5	50.4
1948	10.6	4	3	t			t	t	8.3	25.9
1949	1.7	11.2	3	t			t	9.3	8.8	34
1950	2.8	16.2	6.2	5.7				12.6	23.8	67.3
1951	12.8	6.3	3.5	1.7			t	23.4	30.7	78.4
1952	12.7	2.4	5.9	3.7			2	2.3	10	39
1953	11.4	6.1	2.4	2				12.8	16.3	51
1954	14.5	12.9	14.2	t	0.5		6.5	4.9	23.9	77.4
1955	12.7	14.8	8.7	t			t	11.4	8.4	56
1956	12.7	13.4	4.2	3				11.1	13.7	58.1
1957	25.4	4.3	3.8	6.5			t	3.5	17	60.5
1958	19.9	35.1	4.8	t				4.7	19	83.5
1959	45.3	8.5	12.3	t				11.1	8.7	85.9
1960	12.4	28.3	33.9	0.7	t		t	10.1	14.4	99.8
1961	20.7	12.1	1.4	13.1	t		t	0.7	9.5	57.5
1962	18.7	17.4	9.2	1.8			8.6	3	41.9	100.6
1963	16.4	21.7	10.4	0.5				7.2	25	81.2
1964	10	14.4	22.7	0.3			t	13.5	18.5	79.4
1965	14.7	20.1	20.5	0.4			2.4	7.3	8.6	74
1966	26.9	10.7	11.4	5.4	0.6		t	16.2	18.2	89.4
1967	30.4	31.6	11.3	2.9			5	7	12.5	100.7
1968	12.6	20.1	8.7	1.5	t		t	8.8	27.9	79.6
1969	24.1	10	6.8	t			t	10.5	17.1	68.5
1970	24.8	11.2	16.7	7.9				11	20	91.6
1971	22.5	7.5	19.1	2.6				16.3	4.4	72.4
1972	19.2	21.2	16.1	7.1			1.5	12.6	19.7	97.4
1973	5.5	10.6	4.7	1.7				1	22.6	46.1
1974	14.4	11.9	9.4	1.2			0.6	7.9	19.9	65.3
1975	9.2	13.9	17.8	5.4				10.7	14	71
1976	31.2	13.9	3.8	0.6	0.1		0.8	21.6	37.6	109.6
1977	37.2	13.9	15.8	2.3			0.3	30.3	33.6	133.4
1978	86.1	16.6	5.1	t				7.5	26.4	141.7
1979	45.1	15.9	6.3	0.1			t	7.5	13.6	88.5
1980	11.5	22.3	9.8	1.7			1.1	8.8	24.3	79.5
1981	23.8	20.7	6.3	t			0.1	9.1	41.3	101.3
1982	41.3	19.2	10.2	14				2.1	2.5	89.3
1983	8	9.6	12	1.1				1.4	35.6	67.7
1984	16.7	15.9	11.1	0.4				0.6	14.1	58.8
1985	40	28.9	1.6	3.1				2.2	40.4	116.2
1986	26.3	11.3	3.6	0.2				9.7	4.8	55.9
1987	31.4	5.9	2	1.5			t	1.6	13.1	55.5
1988	11.4	22.9	12.1	t			0.3	7.8	14.8	69.3
1989	3.1	16.3	2.5	1.7	t		8.8	15.2	29.4	77
1990	1.2	13.9	3.4	1.1			t	t	17.5	76.5
1991	15.7	23.4	2.4	t			t	7.6	11.7	60.8
1992	19.9	10.9	16.7	0.9			1.2	7.7	12.6	69.9
1993	8.1	32.2	19	1.4		0.1		2.2	11.3	74.3
1994	21.5	20	0.1	0.8	t	1	t	t	2.4	45.8
1995	17.3	25.8	2.8	0.6			t	6.2	22.1	74.8
1996	12.2	7.9	8.3	0.9				15.3	10.5	55.1
1997	36.4	10.2	3.3	0.4	t		0.2	5.6	18.1	74.2
1998	7.8	t	20.8					t	17.1	45.7
1999	37	10.4	14.2	t				1.9	7.4	70.9
2000	37.1	11.4	t	1.1			t	10.4	44.6	104.6
2001	2.9	5.4	10.6	2.7			t		19.5	41.1
2002	10.4	18.4	14.2	0.3			t	4.6	9	56.9
2003	27.2	14.5	3.8	1		0	0	0.2	10.5	57.2
2004	27.6	5.3	0.7	t		0	0	5	20.1	58.7
2005	28.8	8	15.4	1.1	t	0	0	6	19.1	78.4
2006	3.4	5.9	3.6	0	0	0	1.8	0.2	4	18.9
2007	25.3	17.6	9.5	6.1	0	0	0	2.6	18.4	79.5
2008	25.3	26.7	2.9	t	0	0	0.7	16.2	16.8	88.6
2009	29.4	12	0.1	2	0	0	t	0	11.5	55
2010	27.4	18.4	t	t	0	0	0	1.3	23.6	70.7
2011	53.8	25.5	1.4	t	0	0	t	t	5.7	86.4
2012	35	9	1.5	0	0	0	0	0	9.1	54.6
2013									0	66.6

Average 1950-2012	21.8	15.3	8.9	2.5	0.1	0.1	1.8	7.9	18.1	73.6
Average 1941-2012	20.5	14.7	8.5	2.4	0.1	0.2	1.8	7.7	17.3	69.8
Average 30-yr	21.6	15.3	7.1	1.3	0.0	0.1	1.1	5.3	16.5	65.3
Monthly Max	86.1	35.1	33.9	14	0.6	1.2	8.8	30.3	44.6	141.7
Monthly Min	1.2	2.4	0.1	0	0	0	0	0	2.3	18.9

South Bend Seasonal Snowfall Data

Season	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Totals
1940-41			8.3	4.7	11.2	10.9	5.3			40.4
1941-42			3	2.3	9.9	16.6	9.5	t		41.3
1942-43	1.2	t	5.9	18.9	23.8	16.2	6.6	0.4		73
1943-44	t		3.5	11.3	11	9.5	12	1.7		49
1944-45			3.2	16.7	11.3	3.6	2.8	t	t	37.6
1945-46			5	15.7	8.4	11.7	0.3			41.1
1946-47			t	10.1	9.8	12.2	7.6	0.4	t	40.1
1947-48			8.9	11.5	10.6	4	3	t		38
1948-49	t		t	8.3	1.7	11.2	3	t		24.2
1949-50	t		9.3	8.8	2.8	16.2	6.2	5.7		49
1950-51			12.6	23.8	12.8	6.3	3.5	1.7		60.7
1951-52	t		23.4	30.7	12.7	2.4	5.9	3.7		78.8
1952-53	2		2.3	10	11.4	6.1	2.4	2		36.2
1953-54			12.8	16.3	14.5	12.9	14.2	t	0.5	71.2
1954-55	6.5		4.9	23.9	12.7	14.8	8.7	t		71.5
1955-56	t		11.4	8.4	12.7	13.4	4.2	3		53.1
1956-57			11.1	13.7	25.4	4.3	3.8	6.5		64.8
1957-58	t		3.5	17	19.9	35.1	4.8	t		80.3
1958-59			4.7	19	45.3	8.5	12.3	t		89.8
1959-60			11.1	8.7	12.4	28.3	33.9	0.7	t	95.1
1960-61	t		10.1	14.4	20.7	12.1	1.4	13.1	t	71.8
1961-62	t		0.7	9.5	18.7	17.4	9.2	1.8		57.3
1962-63	8.6		3	41.9	16.4	21.7	10.4	0.5		102.5
1963-64			7.2	25	10	14.4	22.7	0.3		79.6
1964-65	t		13.5	18.5	14.7	20.1	20.5	0.4		87.7
1965-66	2.4		7.3	8.6	26.9	10.7	11.4	5.4	0.6	73.3
1966-67	t		16.2	18.2	30.4	31.6	11.3	2.9		110.6
1967-68	5		7	12.5	12.6	20.1	8.7	1.5	t	67.4
1968-69	t		8.8	27.9	24.1	10	6.8	t		77.6
1969-70	t		10.5	17.1	24.8	11.2	16.7	7.9		88.2
1970-71			11	20	22.5	7.5	19.1	2.6		82.7
1971-72			16.3	4.4	19.2	21.2	16.1	7.1		84.3
1972-73	1.5		12.6	19.7	5.5	10.6	4.7	1.7		56.3
1973-74			1	22.6	14.4	11.9	9.4	1.2		60.5
1974-75	0.6		7.9	19.9	9.2	13.9	17.8	5.4		74.7
1975-76			10.7	14	31.2	13.9	3.8	0.6	0.1	74.3
1976-77	0.8		21.6	37.6	37.2	13.9	15.8	2.3		129.2
1977-78	0.3		30.3	33.6	86.1	16.6	5.1	t		172
1978-79			7.5	26.4	45.1	15.9	6.3	0.1		101.3
1979-80	t		7.5	13.6	11.5	22.3	9.8	1.7		66.4
1980-81	1.1		8.8	24.3	23.8	20.7	6.3	t		85
1981-82	0.1		9.1	41.3	41.3	19.2	10.2	14		135.2
1982-83			2.1	2.5	8	9.6	12	1.1		35.3
1983-84			1.4	35.6	16.7	15.9	11.1	0.4		81.1
1984-85			0.6	14.1	40	28.9	1.6	3.1		88.3
1985-86			2.2	40.4	26.3	11.3	3.6	0.2		84
1986-87			9.7	4.8	31.4	5.9	2	1.5		55.3
1987-88	t		1.6	13.1	11.4	22.9	12.1	t		61.1
1988-89	0.3		7.8	14.8	3.1	16.3	2.5	1.7	t	46.5
1989-90	8.8		15.2	29.4	1.2	13.9	3.4	1.1		73
1990-91	t		t	17.5	15.7	23.4	2.4	t		59
1991-92	t		7.6	11.7	19.9	10.9	16.7	0.9		67.7
1992-93	1.2		7.7	12.6	8.1	32.2	19	1.4		82.2
1993-94	0.1		2.2	11.3	21.5	20	0.1	0.8	t	56
1994-95	t		t	2.4	17.3	25.8	2.8	0.6		48.9
1995-96	t		6.2	22.1	12.2	7.9	8.3	0.9		57.6
1996-97			15.3	10.5	36.4	10.2	3.3	0.4	t	76.1
1997-98	0.2		5.6	18.1	7.8	t	20.8			52.5
1998-99			t	17.1	37	10.4	14.2	t		78.7
1999-2000			1.9	7.4	37.1	11.4	t	1.1		58.9
2000-01	t		10.4	44.6	2.9	5.4	10.6	2.7		76.6
2001-02	t		0	19.5	10.4	18.4	14.2	0.3		62.8
2002-03	t		4.6	9	27.2	14.5	3.8	1		60.1
2003-04	0	0	0.2	10.5	27.6	5.3	0.7	t	0	44.3
2004-05	0	0	5	20.1	28.8	8	15.4	1.1	t	78.4
2005-06	0	0	6	19.1	3.4	5.9	3.6	0	0	38
2006-07	0	1.8	0.2	4	25.3	17.6	9.5	6.1	0	64.5
2007-08	0	0	2.6	18.4	25.3	26.7	2.9	t	0	75.9
2008-09	0	0.7	16.2	16.8	29.4	12	0.1	2	0	77.2
2009-10	0.0	t	0.0	11.5	27.4	18.4	t	t	0	57.3
2010-11	0.0	0	1.3	23.6	53.8	25.5	1.4	t	0	105.6
2011-12	0.0	t	t	5.7	35	9	1.5	0	0	51.2
newnorm	2012-13	0.0	0.0	0.0	9.1	0	0	0	0	9.1
	2013-14	0.0	0.0	0.0	0.0	0	0.1	0	0	0
Average 1950-2012	0.0	1.9	7.9	18.2	22.2	15.3	8.9	2.5	0.1	74.1
Average 1941-2012	0.1	1.9	7.7	17.4	20.6	14.8	8.5	2.4	0.1	70.2
Average 30-yr	0.0	1.2	5.3	16.7	22.1	15.5	6.9	1.3	0.0	66.2
Monthly Max	1.2	8.8	30.3	44.6	86.1	35.1	33.9	14	0.6	172
Monthly Min	0	0	0	2.3	1.2	2.4	0.1	0	0	24.2

South Bend Meteorological Winter and Enso State Snowfall Data

DJF	Dec	Jan	Feb	Totals	Year	ENSO State	Snowfall
1940-41	4.7	11.2	10.9	26.8			26.8
1941-42	2.3	9.9	16.6	28.8			28.8
1942-43	18.9	23.8	16.2	58.9			58.9
1943-44	11.3	11	9.5	31.8			31.8
1944-45	16.7	11.3	3.6	31.6			31.6
1945-46	15.7	8.4	11.7	35.8			35.8
1946-47	10.1	9.8	12.2	32.1			32.1
1947-48	11.5	10.6	4	26.1			26.1
1948-49	8.3	1.7	11.2	21.2			21.2
1949-50	8.8	2.8	16.2	27.8			27.8
1950-51	23.8	12.8	6.3	42.9	1950-51	C	42.9
1951-52	30.7	12.7	2.4	45.8	1951-52	W	45.8
1952-53	10	11.4	6.1	27.5	1952-53	N	27.5
1953-54	16.3	14.5	12.9	43.7	1953-54	N	43.7
1954-55	23.9	12.7	14.8	51.4	1954-55	C	51.4
1955-56	8.4	12.7	13.4	34.5	1955-56	C	34.5
1956-57	13.7	25.4	4.3	43.4	1956-57	C	43.4
1957-58	17	19.9	35.1	72	1957-58	W	72
1958-59	19	45.3	8.5	72.8	1958-59	N	72.8
1959-60	8.7	12.4	28.3	49.4	1959-60	N	49.4
1960-61	14.4	20.7	12.1	47.2	1960-61	N	47.2
1961-62	9.5	18.7	17.4	45.6	1961-62	N	45.6
1962-63	41.9	16.4	21.7	80	1962-63	N	80
1963-64	25	10	14.4	49.4	1963-64	W	49.4
1964-65	18.5	14.7	20.1	53.3	1964-65	C	53.3
1965-66	8.6	26.9	10.7	46.2	1965-66	W	46.2
1966-67	18.2	30.4	31.6	80.2	1966-67	N	80.2
1967-68	12.5	12.6	20.1	45.2	1967-68	C	45.2
1968-69	27.9	24.1	10	62	1968-69	W	62
1969-70	17.1	24.8	11.2	53.1	1969-70	W	53.1
1970-71	20	22.5	7.5	50	1970-71	C	50
1971-72	4.4	19.2	21.2	44.8	1971-72	C	44.8
1972-73	19.7	5.5	10.6	35.8	1972-73	W	35.8
1973-74	22.6	14.4	11.9	48.9	1973-74	C	48.9
1974-75	19.9	9.2	13.9	43	1974-75	C	43
1975-76	14	31.2	13.9	59.1	1975-76	C	59.1
1976-77	37.6	37.2	13.9	88.7	1976-77	W	88.7
1977-78	33.6	86.1	16.6	136.3	1977-78	W	136.3
1978-79	26.4	45.1	15.9	87.4	1978-79	N	87.4
1979-80	13.6	11.5	22.3	47.4	1979-80	N	47.4
1980-81	24.3	23.8	20.7	68.8	1980-81	N	68.8
1981-82	41.3	41.3	19.2	101.8	1981-82	N	101.8
1982-83	2.5	8	9.6	20.1	1982-83	W	20.1
1983-84	35.6	16.7	15.9	68.2	1983-84	N	68.2
1984-85	14.1	40	28.9	83	1984-85	C	83
1985-86	40.4	26.3	11.3	78	1985-86	N	78
1986-87	4.8	31.4	5.9	42.1	1986-87	W	42.1
1987-88	13.1	11.4	22.9	47.4	1987-88	W	47.4
1988-89	14.8	3.1	16.3	34.2	1988-89	C	34.2
1989-90	29.4	1.2	13.9	44.5	1989-90	N	44.5
1990-91	17.5	15.7	23.4	56.6	1990-91	N	56.6
1991-92	11.7	19.9	10.9	42.5	1991-92	W	42.5
1992-93	12.6	8.1	32.2	52.9	1992-93	N	52.9
1993-94	11.3	21.5	20	52.8	1993-94	N	52.8
1994-95	2.4	17.3	25.8	45.5	1994-95	W	45.5
1995-96	22.1	12.2	7.9	42.2	1995-96	C	42.2
1996-97	10.5	36.4	10.2	57.1	1996-97	N	57.1
1997-98	18.1	7.8	t	25.9	1997-98	W	25.9
1998-99	17.1	37	10.4	64.5	1998-99	C	64.5
1999-2000	7.4	37.1	11.4	55.9	1999-2000	C	55.9
2000-01	44.6	2.9	5.4	52.9	2000-01	C	52.9
2001-02	19.5	10.4	18.4	48.3	2001-02	N	48.3
2002-03	9	27.2	14.5	50.7	2002-03	W	50.7
2003-04	10.5	27.6	5.3	43.4	2003-04	N	43.4
2004-05	20.1	28.8	8	56.9	2004-05	W	56.9
2005-06	19.1	3.4	5.9	28.4	2005-06	N	28.4
2006-07	4	25.3	17.6	46.9	2006-07	W	46.9
2007-08	18.4	25.3	26.7	70.4	2007-08	C	70.4
2008-09	16.8	29.4	12	58.2	2008-09	N	58.2
2009-10	11.5	27.4	18.4	57.3	2009-10	W	57.3
2010-11	23.6	53.8	25.5	102.9	2010-11	C	102.9
2011-12	5.7	35	9	49.7	2011-12	C	49.7
2012-13	9.1	0	0	9.1	2012-13	N	9.1
2013-14	0.0	0	0	0	2013-14		0

All	17.4	20.6	14.8	51.9	C = Cold Phase (La Nina)
30-yr	16.7	22.1	15.5	53.8	W = Warm Phase (El Nino)
Monthly Max	44.6	86.1	35.1	136.3	N = Neutral Phase
Monthly Min	2.3	1.2	2.4	20.1	